

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Previously Presented) An enclosure for a rotor in a generator including the rotor, and rotor windings, the enclosure comprising a plurality of composite rings located adjacent one another along a length dimension of the rotor so as to contain the rotor windings on the rotor, said rings each consisting of a first radially innermost metal layer, a second adjacent glass fiber laminate layer, a third layer of graphite fiber laminates radially outward of said second layer, and a fourth radially outermost glass fiber laminate layer.

2. (Original) An enclosure for a rotor according to claim 1, wherein the rings are spaced at predetermined intervals.

3. (Previously Presented) An enclosure for a rotor according to claim 2, wherein the rings are spaced axially.

4-12. (Canceled)

13. (Previously Presented) An enclosure for a rotor in a generator including the rotor and rotor windings, the enclosure comprising a plurality of composite rings located adjacent one another along a length dimension of the rotor so as to contain the rotor windings on the rotor, said rings each comprising at least two layers selected from the group consisting essentially of metals, glass fiber laminates and graphite fiber laminates;

wherein said plurality of rings include a plurality of axially shorter rings located between a pair of axially longer rings; and

wherein a radially outer layer comprises a glass fiber laminate layer and a radially inner layer comprises metal, and wherein said axially shorter rings vary in diameter in opposite directions toward a center ring of smallest diameter.

14. (Previously Presented) The enclosure of claim 13 wherein for at least some of said plurality of composite rings, said at least two layers comprises at least three layers, and wherein a radially intermediate layer comprises a second glass fiber laminate layer.

15-19. (Canceled)

20. (Previously Presented) An enclosure for a rotor in a generator including the rotor, and rotor windings, the enclosure comprising a plurality of composite rings located adjacent one another along a length dimension of the rotor so as to contain the rotor windings on the rotor, said rings each comprising at least three layers selected from the group consisting essentially of metals, glass fiber laminates and graphite fiber laminates; wherein said plurality of rings include a plurality of axially shorter rings located between a pair of axially longer rings; and further wherein said axially shorter rings vary in diameter in opposite directions toward a center ring of smallest diameter, and have different compositions than said axially longer rings.

21. (Previously Presented) The enclosure of claim 20 wherein each of said longer rings comprises a radially inner metal layer, an intermediate glass fiber laminate layer and a radially outer glass fiber laminate layer.

22. (Previously Presented) The enclosure of claim 21 wherein each of said axially shorter rings comprises radially inner and outer glass fiber laminate layers and an intermediate layer of graphite fiber laminates.

23. (Currently Amended) An enclosure for a rotor in a generator including the rotor, and rotor windings, the enclosure comprising a plurality of composite rings located adjacent one another along a length dimension of the rotor so as to contain the rotor windings on the rotor, said rings each comprising two layers including a radially inner metal layer and a radial outer layer of graphite fiber laminates; wherein said plurality of rings include a plurality of axially shorter rings located between a pair of axially longer rings, said axially shorter rings decreasing in diameter in opposite directions towards a center ring of smallest diameter.

24. (Cancelled).

25. (Previously Presented) The enclosure of claim 21 and further comprising a graphite fiber laminate layer between said intermediate glass fiber laminate layer and said radially outer glass fiber laminate layer.

26. (Previously Presented) The enclosure of claim 1 wherein said plurality of composite rings includes at least one axially shorter ring between a pair of axially longer rings.

27. (Previously Presented) The enclosure of claim 26 wherein said at least one axially shorter ring comprises a plurality of axially shorter rings varying in diameter in opposite directions toward a center ring of smallest diameter.

28. (Currently Amended) An enclosure for a rotor in a generator including the rotor and rotor windings, the enclosure comprising a plurality of composite rings located adjacent one another along a length dimension of the rotor so as to contain the rotor windings on the rotor, said rings each comprising a multilayer composite, ~~and~~ wherein said composite rings vary in length, and

wherein compositions of at least two adjacent ones of said plurality of composite rings vary.

29. (Previously Presented) The enclosure of claim 28 wherein said plurality of composite rings includes at least one axially shorter ring between a pair of axially longer rings.

30. (Previously Presented) The enclosure of claim 29 wherein said at least one axially shorter ring comprises a plurality of axially shorter rings varying in diameter in opposite directions toward a center ring of smallest diameter.

31. (Canceled)

32. (Previously Presented) The enclosure of claim 28 wherein said multilayer composite comprises discrete layers selected from the group consisting of metals, glass fiber laminates, and graphite fiber laminates.